

406.17

NOTES

ON ORNITHOLOGY

AND OÖLOGY.

Collected and recorded during

1891, 1892, & 1893.-1894.-1895.

George = George R. Hall brother of J. M. Hall
Mr. Wilbur = Pres. Ray Lyman Wilbur of Stanford
Heller = Edmund Heller -
Hoye Miller = of U. C. L. A

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done

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Harvey Hall. No
26-
Riverside Cal.
399 First St.

1891-2-3-4+5.

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HARVEY M. HALL,

399 First Street,

Riverside California.

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Observations, Strawberry Valley.

July 29 - Aug 1, - 1894.

157-3-4 = seen Jul 29, 7 on Jul. 30, 3 on 31st and 4 on Aug 1

Aug 1 = half day and not much observing done

Observations cover from Johnston's up.

Band-tail Pigeon. 1-0-0-0 (?)

Mour. Dove 14-12-8-3

Turkey Vulture 1-0-0-2, Base & summit
of Chalk Hill.

Des. Spar. Hawk 1-0-1-2

Cook's Hawk 0-1 shot-1-0. No. 147.

Cal. Woodpecker - abundant.

Red s. Flicker 4-8-5-3

Tyrannus - (sp?) - 1-0-0-0

Ash-throat Flycatcher 0-0-2-0

Black Phoebe 1-0-0-0

Blue-front Jay common.

W. Wood Pewee 4-8-5-3. Ident. by note.

Brewer's Blackbird 0-0-8-25.

Spurrs - (sp?) goldf. - 0-0-2-0.

Thurber's Junco. 4-7-1-0.

Spurred Towhee 0-1 juv. shot. 0-0 No. 146.

Black-headed Grosbeak 2. ♂ & yg. - 1 heard -

1 shot & - 1 ♀. No. 148.

18. Warbling Vireo 0-1 shot - 3^{nest} - 0. No. 146. See p. 43.
19. Slender-billed Nuthatch 0-1-0-0
20. Mt. Chickadee 7-11-7-3.
21. West. Robin 1-0-1-0. Hemstreet's at morning and evening for water.
22. West. Blue bird com. or abundant.

Observations. Bear valley

Aug 11-19-1894.

Made from the City Creek Mill to the Morongo King Mine

Distances

altitude

Riverside to

Highlands 18 1450 (grade)

Mill 12 5350 ft.

Grass Valley 7 7500

Bear Valley 13 (dam) 6200

Rose Mine 14 6500

Morongo King 4

For schedule (1-02-349) see page 1.

Commences Aug 11.

highest point 115200
alt. of Bear Valley 9400
Bear to Bull Lake 5.

1. Eared Grebe. Abundant on Bear V. Lake
2. Plumed Partridge 0-10 Some yg. - 0-000 etc

3. Mour. Dove 3-0-1-2-15-16-8-0
4. Turkey Vulture. 4 mill- 6-0-0-0-1-0-0-0
5. Sharp-sh. Hawk. 1 shot on 18th No. 149.
6. West Red-tail. 1 seen dead #152.
7. Des. Sparrow Hawk Aug 2, 2. Aug 18, 4 at Lake
8. White-headed Woodpecker 0-0-0-1-0-1-0-0.
9. Red-breast Sapsucker. 2 on 2th 3 on 14th. 2 shot 150 & 151
10. Cal. Woodp. 8 at mill Aug 11
11. Red 2. Flicker, 0-1-4-2-1-2-6-3
12. Ash-throat Flyc. 1 Aug 3. 2 Aug. 8.
13. W. W. Pewee 3-7-6-2-1-0-0-1-0 Ident. by note.
14. Blue-fronted Jay. 7-6- abund. about lake
15. Amer. Raven(?) Flock feeding on horse - upper
16. Pinon Jay - Abundant in Pinon pines
mostly upper lake to Mine. None
shot but ident sure. Walk like a crow.
17. Clark's Nuthacker? 1 Aug 16.
18. Brewer's Blackbird 0-0-20-0-0-15-0-6.
19. Purple Finch 0-0-0-5-2-0-0-0. maybe more
- I think I saw House Finches.
20. W. Chipping Sparrow. 1 Aug 11. 1 Aug 14. 2
21. Thurber's Junco. 32-119-5-27-119-0-0-
105-8. Most seen between Mill & Bear V.
22. Spurred Towhee 1 mill. 1 Aug 15 heard

23. Green-tailed Towhee 7-0-4-2-2-2-0-0.
 24. Cliff Swallow. 200 nests seen built on the side of a large pine.
 25. Violet-green Swallow. Com. Mill & lake.
 26. Pileolated Warbler. 1 aug. 19. alt. about 6000 ft.
 27. Audubon's " 0-0-0-2-0-0-0-0 perhaps more.
 28. Canyon Wren. 1 shot. B.V. No. 153.
 29. Cal. Creeper. 1 shot mill. aug 18. - No. 149.
 30. Slender b. Nuthatch 0-0-1-1-1-0-0-1.
 31. Mt. Chickadee, 4-6-1-4-0-0-1-0.
 32. West. Robin. 0-3-2-2-1-0-0-1.
 33. West. Bluebird. Common

Itinerary.

- Aug 11. Mill at 7 a.m. left at noon and camped in Grass Valley.
 12. Moved on slowly, camped, reached Bear Valley in after noon. Camped.
 13. Stayed along lake. Went to the dam.
 14. Went to Bluff Lake and back to Garnis.
 15. Back to Bear Valley and camped.
 16. Went to Rose Mine.
 17. Short trip to Morongo King.
 18. Went to Grass Valley. Stopped at dam.
 19. Came home. Left Mill at 4.00 P.M.

... *Yucca arborescens* ...
 ... *Yucca baccata* ...
 ... *Opuntia schottii* ...
 ... *O. engelmannii* and *O. basilaris* ...
 ... between ... and ...

...
 ...
 ...
 ...
 Rose Hill ... 8.00th each

Observations San Ber-
nardino Mts. (Butterman
 Canyon to City Creek)
 Sept. 19-20-21, 1894.

Thursday

Left at 4:45 A.M. ...
 at S. ...
 ...
 ...
 ...

Day by Day (Chadron & Fleming Mills)
 which I left at 2.15 P.M. Arriving
 at Highland Mills at 5.20 P.M.
 Left at 2.00 P.M. Sep 31 arrived home
 at 8.7 P.M.

While on a short cut road the
 horse smashed the harness while
 going for a stone but we
 drove to summit of Strawberry
 Hill all the same. Had a pleasant
 experience with return trip tickets
 and old roads.

San Luis to Little Bear (waterman)
 about 6 mi. To Summit 7 mi. To
 Wilsons 2 mi. To Little Bear by short
 cut 5 or 6 mi. to Highland Mills 8 or
 10 miles.

Altitude. Wilsons about 5000 Strawberry
 Hill 6000. Little Bear about 5000.
 Highland Hill 5500. Foot of Lake 4000

1. Harris' Woodpecker (?) 3 Sep. 20.
2. Cal. Woodpecker com. at
 Wilsons and Michigan Hill

but rare below.

3. Red S. L. 2 4 7.
4. Blue fronted Jay 1-4-6.
5. Brewer's Black bird. Shot in
Little Bear Valley. Sept. 20.
6. Purple Finch 1 shot in same
7. B. L. 1 shot in same place.
8. Purple Finch. Common, about
out in place.
9. Spurred Towhee 0-1-8.
10. Towhee. 3 shot in same place.
11. Maculosa canadensis

I saw a few at High. Hill.
Sept. 20. + 16. I think that
I saw the same bird. Aug 11.

12. Leaf Creeper, 0-0-2.
13. Mountain Chickadee - Common.
14. Western Blue bird. Common.

Mammals.

Spermophilus T. C. -

Sciurus 0-1-0

Thomomys 0 6 12, Skunk 167, 168, 170.

= Toll rates - not large.

Toll Rates on Waterman's Canyon
or highlands Grades.

	one way - 1898.	Round Trip.
1 Horse	.75	1.00 - 1898.
2 Horses	1.00 75	1.50 1.00
Saddle Horse	.25	.35

Sept. 21. 1894.

Some Altitudes

from Bulletin U.S. Geol. Survey

San Geronimo Pass. (Pac. R. R. Rept.)	2803 ft
Cajon Pass (Wheeler)	4195
Warner Pass. Cal. (Pac. R. R. Rept.)	3870
Mt. San Jacinto (Wheeler)	10987
" San Antonio (U.S. Coast & Geodetic Survey)	9931
" San Bernardino (—)	11600
City of " " " " " about	1000

1891. (Am.) West. W. Ori.
7612 Merula migratoria Propinqua.

1891 -

Jan. 6. Heard one near Knappa
Brick-yard.

Feb. 28 A flock came in & stayed over
Sun. in our pepper trees, feeding
on the berries. I shot & skinned
a ♀ Mar. 2.

3/28 Still about. Com.

4/14

"

"

"

1892 -

Jan. 25

Saw one in walnut. I shot & skinned.

Feb. 7

A few flew overhead. S.W. by W.

10

Abundant especially down the valley.

Oct 16

Six flying North in the morning.

Nov. 4

Three in our pepper trees.

1893 -

Feb. 21

Half dozen or so are staying
in our peppers. just obs. - Feb. 31

Apr. 2

Last observed today

26

Later, a straggler today - Fairmount Park

all

Apr. 25

Several at Sp. Brook

(Continued on pp. 11.)

Mocking bird.

Mimus polyglottus

703.

1891

Jan. 10 - These birds are beginning to sing, I have heard several. First not later than 1/10.

5/23 Took 2 sets. 5/30 Several sets.

Jul. 14 Found nest of several yg. just hatched and one egg

Aug 6 Saw a young bird which was able to fly without trouble, near the above nest.

1893.

Feb. 23 The first I have heard sing, was observed today.

Mar. 28 While sitting on our porch a mocker flew into the potato vine and so!

There was her nest right above the doorway. She went on arranging the material not in the least afraid of me.

Apr. 25 The above nest has young birds in it.

Brewer's Blackbird.
570 *Scolecophagus cyanocephalus*.

1891

Jan. 15. Have not seen any for some
time and think they have
gone South.

will B. found in order.

1894. West Robin. (continued from pp. 9.)

Dec. 7. While at Spring Brook
today I saw perhaps a hundred
Robins in a couple of hours
and I have seen and heard
quite a few even on the
mesa since they first
arrived (my record is Nov. 1).
Much more common than
they were in the winters of
'92 and '93. Those winters
were dry. It is now ~~too~~
raining and has been off
and on for 3 days. Can this
mean any thing? See
Belding.

1896

Nov. 22

Saw one at Winchester. Foggy.

1894. "Other Notes" (continued from pp. 98)

Dec. 15. Spent a few hours at Skunk Brook.

Dec. 22. Ed. Heller called at 8. A. M. and we started, with the cart for Box Spr. Mt. Went up the old road toward the house. On the way we saw what Heller said was a y. Golden Eagle. I hardly think so for his identity was based up on the supposition that Buzzards are not found here in winter. We reached summit at 9:30 and hunted over the small valley. Saw a pair of Jays and H. got one. After dinner H. shot 2 Golden Crown Sparrows, new to both of us, and while looking for more I shot a Wren Tit also new to us. This made us feel good and H. got another Golden Crown. They were all beauties. At first H. tried to make me believe that the Wren Tit was a y. Cowhee but

that was snowed in the head by the white eyes and long, graduated tail. Besides, what would you suppose he doing in pairs this time a year. He also thought that the Golden Crowns were Gambels, at first, probably because he was looking for them. He thinks that he saw a Rufous Crown, at least it had a bright brown or red crown patch and he says it was not Chipping nor Intermed. He also shot a Bell's Spar. We passed down the E. side of the mountain and when above Box Spr. we saw 4 Green-winged Teal in a small pond, but could not get them. Arrived home after dark.

Dec. 20. Christmas. Spring Brook.

Shot Killdeer, vesper sparrow and Am. Chickadee. Saw Cassin's Kingbird &c.

(Continued on pp. 17)

Audubon's Warbler. (?)

656.

(Dendroica auduboni)

1891

Jan. 19. Saw one by the dump-
yards today.

Jan. 27 These birds are Tol. Can. I hear
or see one occasionally.

Regulus calendula?

1894. Dec. 7. This fall I have discover-
ed that what I have been
carelessly calling Pine
Siskin are really Aud. Warblers.
Hence past notes on Spine
pines belong here.

Last summer I took a beautiful
full plumaged ♂ Audubon's
in Summit Canyon, San
Antonio Mts. (T. L.) and this
led to my discovery of the
error.

(See pp. 30.)

Jan. 12. 1895. The specimen mentioned
above is quite different from the
winter specimens (as No. 173) -

American Coot.

(Fulica americana).

221

1891

1/24

26

Saw one today on the "Big Hole".
Recd. Eggs from Maynard,
which he collected at San
Jacinto Lake.

1894.

Dec. 7.

They have been abundant
at the dam and above in
Spring Brook ever since the
dam was put in a couple
of years ago.

(and) The chin is pure yellow, throat
(warbled) black and streak across breast
yellow. Back streaked with black
and some white. More yel. on crown.
Top of neck lead color or bluish,
not brown. Large white wing
patch.

L. 5.88, St. 9.00, Wg. 2.95, tl. 2.30.
S. anduboni.

San Antonio Mts. Cal.
(Swartout Canyon) D.M.H.
6/24/94

Skin destroyed
Jan 12, 1905

Western Yellow-Throat.

Geothlypis trichas occidentalis.

681a

1891

Jan. 29

Saw one today near the brook.

4/18

Saw one in Sycamore C.

4/30.

Found nest with 3 eggs. Incub. begun.

5/21

" " " 2 " nearly incub.
+ 2 yg. placed in tall grass
near the Brook

1893

Aug. 20.

Single sent to Lathrop. 75 X 55 in.

1894

Dec. 8.

Saw one today along Spring Brook. a ♂.

Dec. 15.

Saw two ♂ at Spring Brook. Maybe more.

Dec. 25

Spring Brook, 3. ♂s

Dec 26

" " 2. ♂s

Dec. 29.

" " 1 ♂

1844

Dec.

26.

"Other Notes" (Continued from p 13.)

Spent a few hours at Spr. Brook, especially at the pond at its source where I shot a ♂ Regulus calendula and a ♀ Hermionia Flycatcher. (Skins # 190 and 189).

Dec.

31. 5:15 P.M. Today I thought I would end the old year with a few new birds so I saddled Bilhe and rode around Spring Brook and to the river but saw hardly anything except Flickers after I left the brook. Along the river I saw W. Yel. Throat. Song Spar. Gnat C. Audubon's W. and Pewee - That's all. On the way back I stumbled onto a pair of ducks on an 'inland' pond but they were too quick for me. So if I want to end the year in glory I shall have to point back to the last week or so to be

Golden Cr. Sparrow, Wren Tit, Vermil
 ion Fly C. (Chippit & Ore. vesper Sparrow

During the summer I made
 5 trips to the Mts. 1st to Mill Creek
 with Geo. May 30³¹ June 1². 2nd to
 Lytle Creek Swartout, Antelope
 Valley, Sta. Clara R. & C. with Rhodes
 June 21-28. 3rd S. Jacinto Mt. with
 Sam & C. July 29. Aug. 4th Bear Val. & Rose
 Mine Aug 11. 19 and 5th Wilsons to
 Highland Mill Sep. 19-21. Besides this
 I ranged the country from Perris
 to S. J. Lake & C. Have added 23 spe
 to my list since May 29. Some good
 ones. Some other wise (as White wing Shrike
 &c. — The Cooper Smith. Club is
 progressing. During the fall
 recd. an invitation from Foster
 to become a member of the A. B. U.
 but refused on account of
 "natural interference".
 8.55 P.M. Time to turn in for the
 last time this year &c. Good bye 1894.

Long Tail'd. Chat.

Icteria virens longicauda

683
1891.

June 12

Took my first set of eggs.
nest in an elder bush, about
2 1/2 ft. from ground. Bird
plainly seen, 4 eggs. fresh.

Aug 5

Saw one in our pear tree
today. Identity quite certain.

497. Yellow-headed Blackbird.
Xanthocephalus xanthocephalus.

1894.
May 6. - A flock of half a dozen at Perrie.

499 Bicolored Blackbird.

500 Tricolored Blackbird.

Agelaius gubernator.

A. tricolor.

1891
Jan 27

Saw a flock along the brook today.

1893.
Apr. 25

Mr. Fleck brought me a few to blow for him. Both species incubation advanced. He calls them Red wing and yellow wing.

Western Meadow Lark

8016

Sturnella magna neglecta

1895

Sawtooth Canyon. Aug. 2-15-1895.

1. *Oreortyx pictus plumifrons*. Com-Abund.
2. *Columba fasciata*. one by Geo.
3. *Falco spar. deserticolis* one seen.
4. *Bulaptes cafer*. Not rare.
5. *Cyanocitta stelleri frontalis*. Com.
6. *Junco hyemalis thurberii*. Com.
7. *Sialia mexicana*. Com.
8. *Merula migratoria propinqua*. several.
9. *Parus gambeli*. Com.
10. *Sitta carolin. aculeata*. Com.
11. *Troglodytes aedon parkmanni*. Com.
12. *Geothlypis albicollis* - Tol. Com.
13. *Pyrocephalus rubinus*. Com.
14. *Melanerpes formicivorus bairdii*. Rare.
15. *Corpodacus frontalis*. - flocks.
16. *Dendroica auduboni* Tol. Com.
17. *D. aestiva* - five.
18. *Pyrocephalus macul. megalonyx*. 2-2nd camp.
19. *Buteo borealis calurus*. one.
20. *Spizella socialis arizonae* - several.

Uryza Hooded Oriole.

505a

Icterus cucullatus nelsoni

Wren - Tit, Pallid.

742

Chamaea fasciata henshawii.

1894

Dec. 22. Shot on near the summit of Box Spring Mountain. It was in company with another and hopped from the trail into a bush, where I secured it. my first specimen of this species.
185

1895-

A pair closely paired at Spring on W. side of Box Spr. Mt. near the back.

Bullock's Oriole.

I. bullocki.

508

1891
3/28

Shot one today & saw several
other

5/23

Took 4 sets in Sycamore & found
hundreds(?) of yg.

1892.

3/26

Saw in Box S. n. Can. and heard others.

4/27

2 new nests in Sycamore, No eggs.

1893.

3/29

Saw a ♂ in our Luper trees.

1894.

July 25

I witnessed a fracas in our apricot
tree between two ♀s and a yg. ♂ House
Finch. A ♂ bullock's was near but took
no part in the proceedings. After
considerable fuss and noise on the
part of the orioles, the limit fell to
the ground. On picking it up I found
that it was headless, the head having been
completely severed near the body. The
orioles then left. Cause - probably apricots.

Brewer's Black-bird.

510 *Scolecophagus cyanocephalus*

1891

Jan 15 Have not seen any for some time and think they have gone South. - (2)

1894. Dec 7 Common.

517a California Purple Finch.
Cardinalis purpureus californicus.

1892

Febr. Saw several below Cold-storage feeding. 240

1894

Sept. 20. Took one at Wilson's mill. (Pp. 7)

519(a)

House Finch - (Crimson)
Carpodacus (mexicanus) frontalis (rhodocol. fus.)

1891
4/10

Found an old nest of
Icterus bullockii in Box S.W.
Canyon which contained
a new nest of H. Finch
26 eggs.

1892.

Apr. 27

Syc. Can. Nest and six eggs.
Nearly incub. uniform in size
coloration & incubation.

May 4

nest + 5 eggs. 2 with 4 or 5 spots & 3 with
15 spots. Streaked towards small
end, else same as wood pecker.

5

Another nest of blue back archd.

1893.

Mar 29

One eats oranges -

June 28.

On the 25th found nest in our laurel tree
bush - 3 eggs - broke one over side of nest.
On the 26th 3 eggs again. Today only
2 but warm this A.M.

1894.

May 4.

- And *Icterus bullockii* - see page 18.
Nest of 4 yg. just hatched & 1 egg. in Rose bush.
17. Birds flown from above - evidently some time ago.

529

Amer. Gold finch. Western.
Astragalinus tristis pallidus.

1891
 6/30

Took a set of 4 eggs. see data-
Stub-Book. set 13.

1892

Oct 13

Saw two.

Arkansas Gold-finch,
Spinus psaltria.

530

1891

Apr. 15 Collected 3 sets in Sycamore, one egg was spotted.

5/23

Took one egg from a nest & on 5/30
 took 4 more from same nest.

1892.

Apr. 27

Syc. Can. New nest and 3 eggs built
 on top of an old one.

1893

June 23

Took a set of 4 nearly fresh eggs (Destroyed)

1894

Apr. 24.

Nest and 4 yg. in Little Sycamore.

Lawrence's Gold-finch.
Spinus lawrencii

531.

1891
 2/11.25. Have recd. 4 sets. see
 date-book.

May 2. Found nest of yg.

July 3 Recd. fresh set of 4 from N.
Stebbins, collected today.

1891

Audubon's Warbler,

533

Dendroica auduboni.

1891

Oct. 6

Several near Dr.

Shing Ts' -

= 1892 =

Mar. 7

Have not been at all common.

Just a few seen now and then.

Oct. 12

Heard one in our Pear trees.

12

Saw at least 4 in the pear trees.

They would occasionally fly into a dead orange tree, probably to sun themselves. Yellowish markings rather obscure beneath except on one who had bright yellow belly & crimson.

13

at least 6. One eats pears & won't allow others in that part of the tree.

1893

Apr. 26

Attaglen observed. Fairmount Park.
See pp. 14.

540

vesper sparrow. 3 days back.

Western Park Sparrow.

552a

Chondestes grammacus strigatus.

1891

5/23

Took a set of 5. I went again.

1893

5/14

Took about 2 weeks to incubate,

Intermediate Sparrow

503

Zonotrichia leucophrys intermedia.

1891

4/13

5/5

Have been tol. com. lately
Saw one near Box Spr.

Oct. 9

Saw one in Spanish-Lan
-hills.

10

Saw a pair in our back
yard. One was darker
colored than the other.

1892

Apr. 27

Saw several, vicinity of Sycamore

Oct. 7

Saw two and heard a great
many, down the valley. Think
I saw one or two on the 3rd but not sure.

13

Several in our barn yard. They eat weeds

15

Half doz. or so around they are J. L. intermedia.

1893

Apr. 20

Last of the season, observed today.

Golden Crowned Sparrow on pp 36.

Casper Sparrow. Western.
Pooecetes gramineus. confinis.

540

1893.

Jan 20

Abundant around Perris. A very
 bold & interesting bird.

Dec. 20.

A few days ago I saw one
 lonely fellow picking up droppings
 on Main St. just below 8th St.

1894.

Dec. 25.

Shot one at the head of Spring
 Brook where he was hopping about
 in the grass. #188 ♀. (P. g. affinis)

Oregon Junco. *Junco* *hyemalis oregonus*. *Thurber*.

5676

1891.

3/28

Thinning out. Saw a few in the bottoms today.

4/11

Saw one today, singing in a soft, sweet tone. song continued for some time. I dent. sure.

Oct. 5

Saw one near Dr. Shugart's farm. ¹⁰ ~~Thinning out~~ ^{and}.

-1882-

Jan. 30

Saw a few near Dr. Shugart's farm.

Oct. 15

One in our orange trees, perhaps more.

Nov. 5

Many seen on hillside, first since Oct. 15.

Bells Sparrow.
Amphispiza belli.

574

1891.

5/5

Shot one from a sage-bush.
Size: Length. 6, Ext. 5.75,
Wg. 2.60, Tl. 3, Bill, .35.

5/23

Found fresh nest near Dycamore, no eggs.

1894

Up. Shot from flock of 8 in the field.

Dec. 25. Shot. By Mr. W. H. Bell.

Heermans Song Sparrow.

Melospiza fasciata heermansi

581c
1891

Apr. 25

Collected a set of 3.

May 21

Found a nest which contained 2 yg. + 2 eggs, nearly incub.

1893.

Mar. 24

Saw one carrying building material

Townsend's(?) Fox Sparrow.

Passerella iliaca unalascensis.

585a

1894.

Jan. about 15. Saw one, it about the prop pile.

Jan. 28. While sitting near the front porch one came up for water, he was quite fearless and I had a good look at him, as he would hop up and rest after each swallow. Feared of yg. & d. from nest.

Golden-Crowned Sparrow

557. (*Zonotrichia coronata*)

1894.

Dec. 22. Ed. Heller and I secured 3 specimens on Box Spring Mt, near the summit. Mine is skin #184. There were more in the brush but they were so shy that we could not get them. The only way to find them was to listen for their modest piping chirp or peep and then follow in the direction of their voice. They stayed in the grease-wood brush, some 6-10 ft. high.

Spurred Towhee

*Pipilo maculatus megalonyx.*388a
1891

Jan 21.

Shot & skinned one today. - ♂
Length Tl. Wg.

May 12

On May 8. I found a nest along
the brook, about 5 ft. up,
made of grass & lined with
hair, which contained one
egg. Today I visited the nest
& it was empty.

Oct.

H. C. Lillie & B. B. records nest
of 5 on April 26 in Old Logist. Early.

1893

Aug 20 Single sent to F. H. Tathai & c. Wm. P. 72 in

1894 Summer, Recorded at Shaw
and Bear Valley - see reports

38
Cal. Towhee

P. f. crissalis.

1896

1897

4/13

Mr. Wilbur has found
2 sets.

4/30

Found nest with 3 eggs. Incub. advanced.

5/5

" " " " young, in Sugar Loaf.

5/23

Birds + eggs abund in Sycamore.

1898

Apr. 25

Geo. swears that he heard one sing,
or rather warble, in our barn.

1894

Apr. 14.

Nest and 3 fresh eggs, Little Sycamore.
3 ft. up. of Sage stems + fine grass, in Sage
Diam 3 1/2. inside, Diam 5. outside.

Black Headed Grosbeak P.
Habia melanocephala

596
 189/
 4/25

Shot a ♂ from our pepper
 trees. Size: Length 8.12; ext. 12.
 th. 3.30; Bl. 70 Wg. 4.00

Heard several others.

5/1 Com. on ranch & in Bottoms.

16 Found 2 nests of 2 & 3 eggs. Birds
 seem to be close sitters, even
 on fresh eggs.

7/3

Set 7/3 taken today, Fresh. ~~El~~

Blue Grosbeak.

Guiraca caerulea

577

1891.

4/25 Saw four or five today &
 shot one. Length, 7, Extent, 10 1/2
 wing, 3.50, Tail, 3, Bill, .62,
 The chestnut of wings was
 very conspicuous. ♂

1890
 May 16

6 bl. up in the thickets, 3 eggs, nearly
 incub. Tule, grass roots &
 dry grass, lined with black
 horse-hair, diam. 2.75 depth 2.
 diam 4. x 5 depth 4.10 inches.

1894.

June 21

San Bernardino I. - "Lytle Ck. Report."

July 16.

Com. along the row of bushes and
 trees leading east from Benson's. N. Orange
 St. Feeding on barley both cut and
 in the stock. Must have been about
 20. ♂♂ & ♀♀

Lazuli Bunting.

599. (Passerina amoena).

1893.

Apr. 26

Observed my first bird of this species in Fairmount Park, with field glasses. When seen I wrote nearly leaf. Throat. blue. Breast. brown. belly white. wings white marked. - Compare with Crows & there can be no mistake. also blue above tail noticed.

Cliff Swallow

Petrochelidon lunifrons

612

1894.

July 4. Several nests being built in our barn.
Some probably finished.

June 24. nesting in cliffs. See report. end of book.

Violet-green Swallow.

615 *Tachycineta thalassina.*

1894.

Apr. 12. Saw a good many below China-town
— Surely of this species —

1894 Summer. Com. in the
mountains see reports.

Warbling Vireo.

627

Vireo gilvus.

1894.

Shot one July 30, in Strawberry Valley
Ident. - G. K. except, white eye ring
instead of superciliary line and also at
least one white wing bar. # 1465th

July 31. found a nest 2.2 ft. up in an
oak. Suspended from twigs like *V.*
bellii pusillus but not so symmetrical,
compact and neat. Fine grass fibres and
a little wooly substance diam. outside
4 x 3, inside 2.50 depth outside 3.00
inside 1.75 inches. Contained 2 yg. One
dropped to the ground; old bird flew close
to it and by passing from bush to bush
led the young away from me. The folg.
is description of ♀ taken at the time:-
"White below, sides with yellow, eye-
ring white. above olive &c wings
banded."

*Phainopepla**Phainopepla nitens*620
1891.

Mar. 16 Saw one in bottoms, I don't know
 Apr. 25 " two " " " "
 30 Have heard several.

July 14 Have rec'd sets 22. collected;
 June, 22, July 3, 6, 7 & 8.

Aug 15 The River-bottoms is alive
 with this bird, they utter
a scolding note.

1892.

Mar 15 Saw one in river bottom. ♂
 May 2 We have been around the house for
 a week or more & today saw one
 near the house.

1893.

Apr. 19 Heard one also on about 4/22-

June 17 Geo. found a nest in an orange tree
 containing 2 eggs (set 72). He says
 that the ♂ bird was on the nest-

" 28 Found nest in our pine 22 ft. up. on the 26th
 Saw the ♂ leave the nest several times and
 I left it this A.M. June 29 - Nest

1893 contained 3 eggs. Took one
for examination and it was
nearly incubated.

1894.

Mar 7 Common on ranch.

Oct

—— Took a ♀. # 176

American Pipit.

697 Anthus-pensylvanicus.

1894 ♂

Dec. 25.

Shot one at the head of
Spring Brook. # 187. Saw
a flock of 4 or 5 others but they
flew away.

Dec. 31. Saw a flock of 8 or 10 near
the Santa Ana River
feeding on the open
pasture

68
Cala. Strike.

6226 Janus ludovicianus gambeli

1891.

Mar. 21 Found a nest at highland.
eggs 6. Incub. begun.

May 23 Set of 6 eggs. 5/30. Set of 2 eggs.
1892.

Apr. 2 Set of 6 eggs nearly incub.
nest natural, eggs small, shell
close.

17 Nest full of nearly grown yg. B. & S. pr.

May 13 Took a set of sevens of
Greens Cañon but did not
preserve them.

Nest. in a box elder bush,
composed of sage stems
and dry grass, with a few
feathers.

Diam. 4 in. depth 2.75 - inside
" 7.5 " " 4. outside.

Cal. Bush Tit [Continued from p. 55]

743a.

Psittikiaparus minimus californicus.

1894

Apr. 14

Found a nest in "Little Sycamore," of young. Parents were around, scolding. Nest in sunflower in bottom of canyon, beneath larger shrubs, 6 ft. up. Nest length, 10 in. or more; width 4 in. smaller at neck. diam. of entrance 1 in. Usual material

1894 July 24. Black Box Spr. Mx.
Dec. 22. Black Box Spr. Mx.

Least Vireo.

Vireo bellii pusillus

633a

1891

5/16

5/29

Saw one or two.

A nest near brook has been broken down, contents 1 egg.

Found nest of yg. in Sycamore

5/30

Description of Nests taken in 1891

1. 5-12, 3 eggs. nearly incub. placed 4 ft. up. fine dry grass, little cotton. Paper worked in, on outside. diam. 1.75 depth 1.75 diam 2.50 depth 2.25
2. 421. 3 eggs fresh. 3 ft. up in dead willow. Fine, little grass heavily lined with cotton; diam. 1.75 depth 1.75; diam 3.00 depth 2.75
3. 4-30, 3 eggs. well incub. 4 ft. dry grass, shavings, little cotton. ^{very} deep.
4. dry grass and paper, little cotton, all were hung from forks and all (except 2) were scantly lined with fine grasses.

1891
Aug 141892
10/12

Shot one. Ident. sure.

Abundant near Brook.
Warbling Vireo page 43

652 Yellow Warbler.
Dendroica aestiva.

1891.

May 16.

Took my 1st set. & seen. nest 10 ft.
 up in slender willow, see stubs
 or col.

1894.

Apr. 10.

One in our pepper trees singing and eating
 berries -

Pileolated Warbler.

685a

(*SYLVANIA pusilla pileolata.*)

2/14/91

Geo. claims to have seen a flock,
 in Caldwell's marsh today.

3/26

Shot one & saw others.

American Pipit	on page	45.
West. Yellow-Throat	" "	16
Lg. th. Chat	" "	19
Mocker	" "	10
Audubon's Warbler	" "	14

Cala. Phasher.

Harporhynchus redivivus

7/10

2/4 9/1

Saw one near the Brick-yard,
singing like blazer.

2/12

Saw one, up Sugar-Loaf.

4/11

Wb. Wilbur has found a nest

5/23

Took act 3 fresh. also found many
yg. in 3 years

1892.

May 31

♀ is stick close to their nests. (wet weather)

1893.

4/29

Lee Randall tells of a nest containing
yg. "ready to fly".

1894.

Mar. 9.

"Kid" has found nest and 3 eggs.

Cactus Wren.

Campylorhynchus brunneicapillus.

7/3

1891.

4/10

Geo. found a set of 4 badly incub. eggs.

5/5

Took a set of six. also a set on a dove wall, just below the roof of an old mansion (?)

1892

Apr. 4

Found nest of yg. also set of 4 fresh No. -

1894.

Apr. 10.

Mc Cormick & G. found a nest with young Mar. 31. - also nest & three eggs.

1894.

July

Made a report of this bird to the Cooper Club.

Western Wood Pewee (^{continued} from pp. 75)

462a *Contopus richardsonii*.

1894.

July 7.

On June 21-23, while in Lytle Ch. Can. I found 2 nests of this bird.

1st near Middle fork. 12 ft up in an alder. Placed on the upper side of a branch, horizontal. Near a crotch, but not touching it. Nest of leaves, grass, covered with webs, presented a whitish appearance, much like the branch. Flat. Diam. 2.25
Diam. 1.50. Depth 1.75 and 1.00 inches.

3 yg.

2nd - In another canyon along a road. 12 ft up on a branch. Composed of twigs &c as before and looked like #1. Lined with fine grass & yucca fibre(?).
Diam 3.00 Diam 2.00 Depth 1.62 depth 1.12

Old quite bold in both cases.

Shot 1 bird. leng. 6. Ext. 9.12 (?) w. 3.25

tl. 2.65. Nests altogether different from those collected in river bottom and I now think that those

(next page)

Rock Wren.

7/5 Salpinctes obsoletus

2/2/91 saw several today, on Sugar Loaf.

1894.

Obs. common in the hills.

collected in the bottoms were
 Little Flycatchers (Empidonax pusillus).
 Notes of these in mts. is a single
 Sweet or sweeter. — No other note
 heard. Com. in Lytle Creek Canyon.
 (Nest #2. was a new nest but
 contained no eggs.)

June 28-29. Heard one in our yard several times.

Parkman's House Wren.

72/a

Troglodytes aedon parkmannii.

1891.

4/25

Found an old nest which contained a cast of snake-cuticle.

1894.

Dec. 25 One seen

Mountain Chickadee.

738.

Parus gambeli.

1893.

Sept. 11.

Shot one in the Sang. Mts. where they are quite abundant.

Length 5.25, extent 8.50, wg. 2.75, tl. 2.50, bl. .38 and .155 wide at nostrils. Iris. blue. Tl. not rounded.

Wren Tit on page 23.

Cala. Bush Tit.

Psaltirparus minimus californicus.

743a

1891.

Feb. 14

While down in the bottoms I heard a whistling noise + soon found a flock of about 20. Shot 2. I dent "Cove"

Apr. 5.

While on the hills near Box 2 pr. Geo. + I found 3 sets.

Set 1. nest placed 5 ft. up in a large sun-flower bush, in a small canyon, near water. 5 eggs, fresh. I seen. Nest: fine grass + "fuzz". Lined with soft feathers. placed in small branches. Length: 7 in. eggs fresh.

Set 2. near set 1. but in another canon. placed 6 1/2 ft. up in S. Flower bush, similar to Set 1. No water near nest, but not far off. eggs. Incub. far advanced.

Set 3. Same Can. as Set 2, placed 5 1/2 ft. up in S. Fl. Coarser material than set 1. Size of nest: 9 in deep. Eggs incub. advanced I seen.

May 12. Both sets 6 - fresh. - Set 1 No. 116. (Bottoms)
" 4 " " 7. Mount adv. " " 127. (Pisonall Can.)

(Western)

Blue Gray Gnatcatcher

Polioptila caerulea obscura

75/a

1891

57-

Recd. set '5 of N. Stebbins.

7 June 3, 1891. Set '5. H. N. & E. R. N. River Bottom.

Bird shot. Fresh. Nest: Composed of split grass or bark, covered with lichen, lined with a few feathers. Placed in crotch of elder willow, 7 ft. up. Size:-

drain,	1.50	depth	1.50,	inside
"	3.00	"	3.00	outside

Calif. Gnatcatcher

P. californica.

733

1891.

5/26

5/30

Recd. a set of 5 fresh from the boys.

Took a set of 4 near Sycamore.

Incub. advanced in 3 while 4th was fresh, not rotten. 1 seen.

Placed 4 ft. up in sage bush nest preserved. Composed of

split bark, sage blossoms on outside. Lined with a little

cotton. Size: diam. 1.25, Depth,

1.50 inside, diam. 2.25, depth 2.50 outside.

Ruby Crowned Kinglet.

Regulus calendula.

749

1894

Dec. 16

Have been common this fall in our pepper and pine trees and especially along spring brook where I shot one yesterday. - Forthing?

Western Bluebird

Sialia mexicana

767

-1891-

Mar. 27

Sep.

Oct. 5

10

24

1892.

Jan. 29

Mar. 4

Dec. 6

1894.

May 26.

They are thinning out.

Heard none more today.

Hear several and saw
about 10 - passing S.W.

Have seen a few, now & then,
ever since the 10th.

Common everywhere.

Saw 4 together, this angle. W. S. S.

Quite a few seen. and heard.

Saw one today, cor. Sixth & Main Sts.

Saw one at same place June 10, 1895.

Mountain Bluebird.

S. arctica.

1892

Dec. 11

Saw a flock near the bridge

West Robin on page 9.

Killdeer

Actialitis vocifera

273

1891

2/14

Saw a flock of about six or eight

Mountain Plover.

Actialitis montana

281

1892
Oct. 17

Flock of a dozen or so. Alessandro,

22

Large herd of 200 at " " " "

Am. Coot, in front of book.
Plumed Partridge on page 63

Valley Partridge

Callipepla californica valliscola

294a

1892.

Apr 27

In eye. nest of R.R. contained
 4 eggs, 1 fresh. also 2 quail.
 took the fresh R.R. and on May 3
 there were 3 quail and R.R. the same
 took the quail which proved fresh
 Nest 3 ft. up. took also R.R. from nest in 9.

Mourning Dove

Zenaidura macroura

3/6. 1891-

Feb. 27 Saw two. Sat. the 28. saw several +
Mar. 2, Quite common.

May 23 Abundant in Sycamore

Two at lower end of Map. Ave.

Oct. 17 Three at Perris.

Nov. 16 Two at Perris.

Feb. 24. Heard Two.

Dec. 25 - 2 seen

Turkey Vulture

325 *Cathartes aura*

1891

Jan. 29 Saw one today in our barnyard.

3/ Saw one yesterday and a flock
of 10. Today. - 2/4 M. C.

1893.

Feb. 17. First of season - a regular flock in
Newell's gum trees.

1894.

Jan. 28. Saw one flying overhead.

332. Sharp-shinned Hawk. - 2 Stebbins

but me a specimen. ident same
Nov. 1894.

Western Red-tail.

3376

Buteo borealis calurus.

1892.

Nov. 10

George shot one in the blue-gum and another was seen. Length, 19, ext 50, wing, 16, th. 5.5, tars. 3.75 inches.

Identified positive. They have been around for some time and had taken one of our "chicks".

Plumed Partridge.

2927. *Oreortyx pictus plumiferus.*

1894.

July 24.

Was somewhat surprised to find a flock on Box Spring Mt., near the Summit house. They were in the chaparral, 10-12 ft. high. Perhaps 15 or more and near a spring. Shot 3. skinned 1. Feathers were common about the spring and a C. Bush-tit's nest, built near, was heavily lined with feathers of this quail. They seemed rather tame & evidently haven't been hunted much.

Measurements:

No. 1. Skinned. ♂ ad. (by plume). length. 11.75

Canada Goose.

Branta canadensis.

172

1891.

Jan. 31

Saw a flock. Feb. 3 Saw 22 - E. by R. E.

1894

Feb. 27

Saw first ones today.

Dec. 15.

Saw 2 flocks flying north.

Plumed Partridge. [continued].

ext. 17.00, wg. 5.40, tl. 3.75, bl. 50, tars. 1.62,
mid. toe & cl. 1.75, plume 2.90, of two black
feathers. Stomach contained a quantity of
seeds and water.

No. 2. lang. 11.75, ext. 17.00, wg. 5.25, tl. 3.70, tars. 1.50
mid. toe & cl. 1.62.

No. 3. lang. 12.00, ext. 17.00, wg. 5.20, tl. 3.70, tars. 1.50 T. & cl. 1.62.

Drops of 2 & 3. one of 2 large ants, 2 small aquatic animals,
4 pebbles and quantity of seed. Other of seed only.

Plumes of 2 & 3. length 1.55 and 2.00

Dec. 22. Was a gain on Br. Sp. Mt. same place
but could find no traces of them

American Sparrow Hawk.

Falco sparverius aestivicolis

360

-91-

Apr 5 Some "Kids" got a set of 5.

Took a set of 6. set 1/6.

5/23 Mr. Walther found a set of 5. incu.
begin.

1892.

May 3 Geo. D. took sets of 4 & 3. Set of 3 contain^{ing}
ed 1 queer egg. see data-club book.12 3 eggs and young with
white down.

American Barn Owl,
Strix pratineola

365

-1891-

Apr. 10

Found a nest in tree in
 River bottoms. About 9 ft.
 from ground in stump.
 Hole nearly as large around
 as my body + about 5 ft.
 deep. contained 3 eggs.
 went to it after-ward
 and the eggs were gone

366

Amer. Long Eared Owl.
Asio wilsonianus

373c

-1891-

Calif. Screech Owl
Megascops asio bendirei

Feb. 4 Caught one and he caught me.
 he was in a hole in a tree

Apr. 2 Took one egg from a nest about
 15 ft. up. The bird had left
 the nest, for I pulled her off before

30 Found 2 yg. + 2 badly incub. eggs
 in same tree as above but in a-

1892 no other hole. Had to pull the ♀.

4/27 Nest + 4 eggs nearly incub. Sycamore.
 2 1/2 ft. deep rough hollow tree. ♂ + ♀ both in nest.

Borrowing Owl

378

Speotyto cunicularia hypogaea

Apr. 9

Took a set of 3 near Perria.
 Saw many holes that
 probably contained young
 or eggs but no time to spare.

1892

Apr. 2.

Took 2 sets near Perria of 3 and 5. (metake)

Oct. 18

Two at San Banaseroni. - not males.

Road Runner

Geococcyx californianus

385

-1891-

7/9 Saw one today, just across the
(Brook)

2/4

On this side of Knappa Creek and

4/9

Took a set of 4 eggs (fresh) in
Box Spr. Canyon. nest on a
stump ft. from ground
made of grasses &c. perhaps
an old nest. (of dove?)

5/5

Found a nest of 4 yg.

5/23

Took several sets. One nest contained
5 eggs, 2 of which were broken.

1892.

May 3

C. richardsoni with 2 ygs. which see.

Oct 24

Tol. Can. at Peris + especially can. at S. Bernacconi.

1894

Feb. 23

Crosby found 1 fresh egg.

California Cuckoo.

387a

Aug 21
(1891)

Mr. Stebbins brought me
2 badly incubated eggs
th taken from a tree
near his residence.

Gairdner's Woodpecker.

394a

Dryobates pubescens gairdnerii

1891

Took several sets of eggs & c.
This bird. sets in col. Iolanil,
certain, are shot and one caught
on nest, both showed a
distinct white strip down
back

Aug 15

Saw one in bottoms.

1892

May 2

Net 4 eggs & c. I caught on nest.
Was in wild but went where I set go.

1894.
Dec 26

Saw 2 today. Got within 10 ft. of one
of them

Nuttall's Woodpecker

D. nuttallii

397
1891

Apr. 2 Have found two new nests but no eggs.

May 6 - Several nests, see stub (for 394a)

1894

Dec. 24 Saw one Spring Brook

Dec. 26 Saw another " "

(sphyrapicus ruber)

Red-breasted Woodpecker

1891

Breast yellow with darker sides.

Nov. 7

Shot in walnuts. D. v. muchalis except belly very yellowish.

Sides of head black band around red crown narrow, white streak above eye. black bar across eye, broad white bar below eye and black streak along sides of red chin. Blackish between chin & breast. probably ♂. [one shot beside. 1891]

1894. Took 2. Bear Valley in Summer and 1. Beside Nov. - 1893, 1894, 1895.

Red-shafted Flicker
Colaptes cafer

4/3

1891

Apr. 15 Took a set of 8 today in Sycamore.
Incub. begun.

May 21

Took set 1/5. also found nest
which contained 3.

Cal(?) Woodpecker.

1892

May 13

Took a set of 4 in bottoms.
Nest 22 ft up in dead stump
of oak(?) near top.
12 in. deep. Diam 4.75 in.

Diam. of entrance 1.75 in.

Eggs about size of Flickers
but thicker & rounder.

Bird: "Plain white stripe
Black jet - wings &c."

1894.

Feb. 17.

Am (almost) sure that I heard one in Gage canal
trestle, big gorge. Sounded like Strawberry.

Black-chinned Hummingbird

429
1892.

Trochilus alexandri

Oct. 15

There is one staying in our yard, very bold, would fly & suspend itself within 10 in of me. There is another hummer ♀ around but he drives her away. Tip of bill at base "gold-mounted." Whole belly covered slightly with green. white strip below gorget which is on throat & sides of head. Tip of head darker than the back.

Costa's Hummingbird

430
1891

Trochilus costae = Calypte costae

5/30

Took 2 sets in Sycamore. both in sycamore trees.

1893

4/29

A ♀ Costae flew into our sitting-room and flew around till she got tired, when I caught her & let her out.

4/29

Took a set of two. set 4.

1842
Oct 15

The bird mentioned off. shot. leng. 3.75 in. wing 2. in. H. 1.25 bill .69. from feathers. Bill covered with sulphury substance at base but rubbed off. Back green, dark on forehead. Back of head & throat black but glitters bright. breast & dirty white green on sides, black collar. white collar. Lateral th. feathers whitely tipped 2nd & 3rd a little. Mid. th. same as back.

Anna's Hummingbird

431

T. anna = C. anna.

Have recd. one set.

Vermilion Flycatcher.

1844
Dec. 4

Pyrocephalus rubineus mexicanus.

Hor. Stebbins shot one near dam by Knapp's, which I secured. (#183) The first I know of having been taken since 1884.

Dec. 26. I took a ♀ near the dam at head of Brook. (#189). It acted like any other flycatcher, catching insects along the brook and lighting on bushes and tall weed-stems along the bank.

Arkansas Kingbird.
Tyrannus verticalis.

447

1891

5/30+23

Took several sets. one only
4 ft. up in Sun-flower bush.

Says Phoebe

Sayornis saya.

457
1892.
Oct. 24

Tol. Can. on plains about Kerris.

454.
1893.

Myiarchus cinerascens.

Sep. 13.

Shot one above Florida. From size
I think it must be a ♀ or juv.
leng. 7.75, ext. 12.00 wing 3.75, tl. 3.50
bill .70 long & 28 wide at base. Very little
yellow below.

Black Phoebe

458 *Sayornis nigricans*

Western Wood Pewee.

462 *Contopus richardsonii*

1891-

5/1 Took 1st set. 13

6/12 Took a set of 3, Fresh.

Little
of eggs1894,
May 31. For measurements see page 94. + Rept. Will Creek

— Continued on page 52. —

Western Flycatcher.

464, *Empidonax difficilis*

1893-

Sep. 13

Saw one in canyon above Florida.

Belly very yellow.

466 Little Flycatcher.

1891 Empidonax pusillus.

Aug 14 Shot one from our pepper trees.
Size: Length 5.50 wtl. 8.31 wing 2.55 ^{mid 2.50} tl. 2.3

Ident. "Cousin" no white on out tl. feather.
out web broad bill Belly & Crissum ^{white} pure

1894. See page 52. - Contopus r. -

Ruddy Horned Lark.

4745 Otocoris alpestris rubra.

1892

Apr. 4 On Mar. 31 found nest near Perrie
one egg. Broken Apr. 1. and
another laid near the nest
which was also smashed.

nest of dry straw sunk so that
top of nest was even with the dirt.

17 Nest of 2 yg. just hatched. 2 eggs were
all that were in the nest several
days previous. Also old nest.
Both similar to one on 4/4/92.

Vermilion flycatcher on page 73.

Blue-Fronted Jay.

Cyanocitta stebberi frontalis.

178a.

893

Sep. 11

Examined a nest near Strawberry
Val. which I take to be of this
bird. It was situated about 25 ft.
up on a branch of a fir tree. Outside
of sticks and stems, then grasses
and quite heavily lined inside
with mud. Whole nest fully 1 ft.
square. Perhaps Magpie?

Calif. Jay.

Aphelocoma californica

178b.

893

Oct. 1

178c.

893

Dec. 22

178d.

893

Dec. 22

178e.

893

Dec. 22

178f.

893

Dec. 22

178g.

893

Dec. 22

178h.

893

Dec. 22

178i.

893

Dec. 22

178j.

893

Dec. 22

178k.

893

Dec. 22

178l.

893

Dec. 22

178m.

893

Dec. 22

178n.

893

Dec. 22

178o.

893

Dec. 22

178p.

893

Dec. 22

178q.

893

Dec. 22

178r.

893

Dec. 22

178s.

893

Dec. 22

178t.

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Dec. 22

178u.

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Dec. 22

178v.

893

Dec. 22

178w.

893

Dec. 22

178x.

893

Dec. 22

178y.

893

Dec. 22

178z.

893

Dec. 22

178aa.

893

Dec. 22

178ab.

893

Dec. 22

178ac.

893

Dec. 22

178ad.

893

Dec. 22

178ae.

893

Dec. 22

178af.

893

Dec. 22

178ag.

893

Dec. 22

178ah.

893

Dec. 22

178ai.

893

Dec. 22

178aj.

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Dec. 22

178ak.

893

Dec. 22

178al.

893

Dec. 22

178am.

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Dec. 22

178an.

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Dec. 22

178ao.

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Dec. 22

178ap.

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Dec. 22

178aq.

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Dec. 22

178ar.

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Dec. 22

178as.

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Dec. 22

178at.

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Dec. 22

178au.

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Dec. 22

178av.

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Dec. 22

178aw.

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Dec. 22

178ax.

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Dec. 22

178ay.

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Dec. 22

178az.

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Dec. 22

178ba.

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Dec. 22

178bb.

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Dec. 22

178bc.

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Dec. 22

178bd.

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Dec. 22

178be.

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Dec. 22

178bf.

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Dec. 22

178bg.

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Dec. 22

178bh.

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Dec. 22

178bi.

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178bj.

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178bk.

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178bl.

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178bm.

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178bo.

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Dec. 22

178bp.

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Dec. 22

178bq.

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Dec. 22

178br.

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Dec. 22

178bs.

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Dec. 22

178bt.

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Dec. 22

178bu.

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Dec. 22

178bv.

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Dec. 22

178bw.

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Dec. 22

178bx.

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Dec. 22

178by.

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Dec. 22

178bz.

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Dec. 22

178ca.

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Dec. 22

178cb.

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Dec. 22

178cc.

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Dec. 22

178cd.

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Dec. 22

178ce.

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Dec. 22

178cf.

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Dec. 22

178cg.

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Dec. 22

178ch.

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Dec. 22

178ci.

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Dec. 22

178cj.

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Dec. 22

178ck.

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Dec. 22

178cl.

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Dec. 22

178cm.

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Dec. 22

178cn.

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Dec. 22

178co.

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Dec. 22

178cp.

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Dec. 22

178cq.

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Dec. 22

178cr.

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Dec. 22

178cs.

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Dec. 22

178ct.

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Dec. 22

178cu.

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Dec. 22

178cv.

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Dec. 22

178cw.

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Dec. 22

178cx.

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Dec. 22

178cy.

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178cz.

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Dec. 22

178da.

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Dec. 22

178db.

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Dec. 22

178dc.

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Dec. 22

178dd.

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Dec. 22

178de.

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Dec. 22

178df.

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Dec. 22

178dg.

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Dec. 22

178dh.

893

Dec. 22

178di.

893

Dec. 22

178dj.

893

Dec. 22

178dk.

893

Other notes.

Page 9.

Saw a flock of Wild Geese today.

" " " 22 "

from E. by N.E.

As we are down the valley
we find a *H. trichura* with eggs

7 Went to the brook. saw a
bird like W. gel. throat but
had no black on eyes. waded
around on the tules & finally
knocked him to pieces & got a good
soaking when trying to get him
out of the water. 11.5.

Went over the bottoms today,
Caught a 373c. Saw a pair of
Partridge and shot a Calo Bush tit
from a flock of about 20.

Mar. 2

There has been a great deal of
rain lately but ~~the~~ is cleared up & is
now nice & bright. Have
seen Doves & Robins.

4 Recd. "Cone's Key" today. Of course I have the Model

Mar. 26 Have been to Highland for a week or so. But few birds were seen. 761a, 754 + 767 heard one of each. But found my 1st eggs of the season, set 6, 622b. incub. begun.

26 Hunted around the lower part of the river bottoms. Saw one 620. Shot one 508 also found Cal. Screech owl nest, one egg.

28 Hunted around the upper part of bottoms + found 2 new nests of 397. A Long Ear went off her nest, no eggs. Barn Owl went out where there had been Sp. Hawk, no eggs.

apr. 2. Went to same nests after work. Screech Owl's nest only one egg as I pulled her off before I guess she had left it, so I took the egg.

30 Not much collecting done. (Packing)

2/10.

13

Besides above I have found
or heard of finding, 710, 591/6,
385, 378, 365, 519,

15

Sam. shot a Black Crown
Night Heron, in our pepper
trees, this morning. Size:-
Lgtl. 2 ft. 2.50 in. Ext. 4 ft. 11 in. Wg. 12.50 in. Tl. 5 in. Bl. 3 in.

18.

Geo & I went up Sycamore
& across the hills. Found
eggs of 519, 530, 531, 413, 591/6, 743a,
and set 1/6 of Canyon Wren.

Also got some good notes &

had a good time in general.

May 15.

Went up Pecos Oak Canyon &
along Box spr. Mt. Dry collecting
3 sets 713 & 1 set Hummers.

356, Duck Hawk, ♀, S. B. Co. Lgtl 19,
Stel. 42 Wg 14.5 Tl. 6 Iris brown
5-23-1890. H. Hall. {Skinned by Hurd.
coll. by Warner
Sent to A.W. Hake. L.A.

16

Started at 4:30 P.M. & found 1st nest
in Caldwell's marsh. 2 eggs. (596x.)
left. next. Yel. warbler. 4 eggs.
hard time to get them without
spilling also got 1 gal. water in

my boot while trying to find bird.
 "didn't find in. Next set of
 3, (5-9/10). nest 10 ft. up on slender
 tree. Got an old oil can at "City
 dump" & after considerable
 pulling, got the eggs. On the
 way home I blew up a Least
 Whew, because he wouldn't tell
 me his name. Also dug out
 one egg of 394a.

May 21.

Spent all day in bottom & col. about
 40 eggs. Had a hard climb for set
 413 1/5. Big white stump ("Pants") took
 set 1/5 & 1/4 of Gardiner's Wood pecker.

23

Prof. Wilbur & I. Sycamore ca.
 about 120 eggs - \$20.00 17 eggs of
 ariz hooded. Besides "my share" we
 col. set of 4, Ash throats from a snag,
 nest of fur. set 1/5 spur. Hawk, Cate 1/5;
 & others. also yg. of 743a, & others.
 Saw a white owl. & C, & C, & C. (Vireo)

30

Geo. & I went up Sycamore.
 Col. good luck. Took set 1/4
 Canyon Open. Saw White White
 owl

June 12

Geo. & I went along the
brook and collected a set
of Lang. H. Chat. $\frac{1}{4}$ W. Wood Pewee $\frac{3}{4}$
several sets of 530 and others.

Arr. at, Autumn 1881.

Oct. 4

Blue bird, W. star.

5

Pin. Str. Kingbird. Warbler

5

Green Junco.

10

Ind. Tr. Lark. Sparrow

W. Starling. Titmouse. Hill

Oct. 12

A cloudy morning, and getting
tired of work I took the field-
glasses and lay around
our barnyard. There were
quite a number of siskins
in the peppers, then a catbird
& sparrow came around.
Careful to keep in the deep.
While watching a sparrow, a
Junco hopped up in front
of him. I soon discovered
a band of sparrows in the

grass just as the Inna. flew
into a sapling tree. Then
he went back. I was
a contract to his Black Lord.
At this time we had received
all from a very good picker.
Black bird. I was and
a passing. I was and
it on. I was to receive work.

1872.

- Jan. 30 Have done work on Inna
and have no observations to record.
- Feb. 9 The rain has cleared up
and birds are out in full
blast. Robins are common.
- 15 Bur. Qu. have mated and
are watching their nests.
- Mar. 5. Went over the bottom caught
a snake in nest, no eggs. Several
hollows with fresh chips. Got
tried, also tried. by the man
they call Smith.
- Apr. 4 Have been to Ferris. collected.
sets 1/3, 1/4 of G. owl. also Horn. Lark.

Apr 27 George & I had a boss time
up Sycamore today. Spent
all day & collected, K.R. Ark. Goldf.
Cal. Thrasher, Least vireo etc.
also spotted new nests of Can. Wren
and 2 nests Shw. Hawk, 2 eggs each. wire
green sets, co-modification of 385 & 294a.
Came back via Little Sycamore.

May 2 To the brook: found nests that were
too new & nests that were too old
but couldn't strike a happy
medium. Sets 394a $\frac{1}{5}$ & 529 $\frac{1}{4}$

3 Geo. & I spent the afternoon in dye.
Went to nest of Can. Wren. slipped
up quietly, put my hand over
the hole and brought it down
over the nest, to catch the bird.
My hand struck air, then fuzz.
Guess the bird took them before.
Didn't strike much -

4 Spent an after-noon about
Sugar Loaf & P. Salt Cr. got
"dried" wet. but struck it pretty
much. Can. W. 17, 743a $\frac{1}{4}$, Costa $\frac{1}{2}$

1892

62265-6764, "Lottie" and his father
 Hewitt's cat was in good shape
 after the virus. The cat was
 angry & mad, I tried to throw sand
 in his face but he flew away &
 scratched ^{his} hand, made me mad.

12 M.P.W. & I went along brook
 1 new nest and 1 of 6 or 7 eggs
 of Cal. Bush Tit. Also
 nest and eggs of large
 woodpecker.

13 M.P.W. & I up above
 East Riverside and
 stopped collecting.

Aug.

26

My private collection contains
 92 varieties of sets but I am
 breaking it up for sale.
 I have 30 other varieties (singles & d)
 making 122 in all.

Aug.

Sep 2

Adv. my col. & c. in the "Ornithologist".
 Sold F. Willard Galeburg Ill. a
 lot of duplicates and singles for
 \$2.75. Also a lot of sets 712

186.
1892

Oct. 8 The E. Hurd has loaned me
some "Auk" also "Bird Migration
of Miss. Valley" 1888, Sennett's "Rio Grande
Birds" 878 and others.

- Winter Arrivals Autumn 1892. -

Oct. 7 Intermediate Sparrow.

" Pine Siskin. ?

13 Geese(?) & E. mixed lines. -- F. J. & c.

14 West. Robin.

15 Oregon Junco. 1.

Nov. 6 Western Bluebird.

Oct. 24 "Covey" is pronounced (cove) "Inter Ocean"
Oct. 18, 1892, Vol. 20 No. 30 gives a sketch
of his life & work.

Oct. 3. Have been to Lewis. Birds are scarce
there, only 15 species observed in Lewis
& S. Bernasconi Valleys.

Sep. 1. Article in April "Vol." "Collecting & Collectors"
also "A. Cal. collecting ground" in Sep.
"Ornithologist" for which I have rec'd.
3rd Prize. "Darwin" paper.

Nov. 9

Spent an hour or so near Mr. Fontaine's where the canal crosses the road. Bright and sunny and lots of birds. 3 or 4 Mockers were squawking around and one Sp. Hawk was ok. while some Partridge call from the bottom and a warbler is heard in the tops. Then a scissor fly by and soon the trees are full of them and the water can be seen with their song. From some thickets and the crow and Turkey call from the bottom. Then a flock of bluebirds fly past and a Meadow Lark sings. When a couple of Towhees pop in sight. I hear Linnet in the top of young gum tree and a Junco flies into that bush. At the same time a Goldfinch is heard and a Lark Sp. is seen. As we leave we observe a Rock Wren and Shrike as well as Say's Blackbird, making 19 varieties. What a difference from the ok. taken at home!

1893.

- Mar. 28. First nest-Mocker- on porch.
- Apr 10. A. Irwin, 525 Juniper Ave, Called,
He wants mocker's eggs to put in his
incubator @ 5¢ each.
- 26 Spent an hour or so in Fairmount
Park col. botanical spec. and observing
birds, saw Robin, Dickcissel(?) & Ch. Buntings
- Aug 12. Spent a week in Strawberry Valley
Aug. 2 to 10. and observed the following:
Zonotrichia macroura - com.
Melanerpes formicivorus bairdi - abundant.
Colaptes cafer - Tol. com.
Cyanocitta stelleri frontalis - abundant.
Colaptes cyanocephalus - in flocks.
Junco hyemalis (2), a few seen.
Junco hyemalis thurberi -
Spizella mexicana - common.
Also Hawks, Owls (W. Horned) Hummers
and a few strange birds. Bird life
was scarce except Woodpeckers & Jays
which kept up a running chorus
of shrieks, caws & yells all day &
a good share of the night.
There were pines 6 ft. in diam.

thickly studded for 100 ft. up
with small holes, each containing
an acorn placed there by Cal. Woodpeckers.

Sept. 24

Have been to Strawberry twice
more. First time from Sep. 7 to 13. and
second, Sep. 20-23. Observed the folg.

- 1 *Columba ^{gambeli} clavirostris* quite abundant.
- 2 *Oreortyx pictus plumiferus* - as low as
Hallway house & Hemet.
- 3 *Callipepla cal. val.* high as Johnston - +
- 4 *Meranopus formiciv. audii* below 1/2 + above
- 5 *Colaptes cafer*
- 6 *Cyanocitta s. frontalis*.
- 7 *Al. pelicoma cal. (?)* Hemet Valley +
- 8 *Petrochelidon lunifrons* nests & birds at 1/2.
- 9 *Sceloporus cyanocephalus* - com.
- 10 *Tinco oregonalis oregonus* Can.
- 11 *Pipilo fuscus crissalis* - high as 4000 ft. +
- 12 *Torus gambeli* - com all around. ^{also ang} ₁₂₇
- 13 *Sitta carolinensis aculeata* +
- 14 *Sialia mexicana* - com. lower Hemet Lake
- 15 *Sturnella magna neglecta* at 1/2. and Hemet L. +
- 16 *Geococcyx cal.* Hemet Lake. +

+ = seen first trip only - Others observed
but not identified.

40
Winter Arrivals - autumn of 1893.

Oct. 3 Intermediate Sparrow Common.
 " 14 Pine Siskin Abundant.
 19 Western Blue-bird A flock
 22 Thurbert's Junco. " "
 Nov. 2 Western Robin One heard (nw 542 instead)

Dec 23 - Was in the buggy about 15 min. along the brook and observed the fflg: - Coal Crow, Flicker, Shrike, Mockers, Song & Intermed. Sparrows, Brown Towhee, Siskin, Lark Finch, Meadow Lark, Linnet and W. Bluebird. Total 13. I put this down because I have nothing else to record.

The Cooper Ornithological Club was organized last June by some O. & B's about San Jose. I joined Oct. 7. and signed the constitution Nov. 14. We now have 15 members. My first paper, "The West. Yellow-throat" was sent in and read at the meeting Nov. 4. and will be

published in the next (Jan)
"Ornithologist", an official organ.

Dec. 31, 1893. 8:55 P.M. Am. Sorry I haven't
more to record but I can now get
no more notes till next year.
Have been making a special study
of the warblers the past week.
Perhaps I'll learn more
next year. — Goodbye 1893—
1894

Feb. 17 Spent a pleasant half day ~~with~~ in
upper part of big arroyo and Sycamore
Canyon; principally after notes on
Cak. Wren. — plants &c.

22. Wash. birthday. Spent most of the day
in "Pleasant Canyon", botanizing
and taking notes — Obs. 23 species.

Mar. 2 Sat (Fri). George Miller let me try
his bird call yesterday — it is a 6 shot
colts. 48 cal. Shells shot which fills w
meas. nearly to ring ($\frac{1}{2}$ dr?) powd. same
I turned it over to Heller.
Miller leaves for Ariz. Mon. next.

92
1894

- Feb. 23. Crosby found 1 fr. *Geococcyx* + fr. nest *Lanius*
— Spring Openers. —
Mar. 12. *Habia melanocephala* — 1.
Jan. 28. *Cathartes aura*. — (com. a little later).
Mar. 24. *Grainopepla mitens* (Spring Brook) 2.
27. *Tyrannus verticalis* — (heard) 1-1
Apr. 10. *Dendroica aestiva* 1.

- Apr. 14. Took a trip up big Arroyo for notes on
Cae. W. & E. found two nests of 1 egg each.
Went on up Little Sy c. *Psaltiramus*,
nest of 4 eggs. *Spinus psaltri* do. and
Pipilo f. crissalis - 3 fresh. - also plants.
May 7. A week or so ago I found a new nest of
Vireo bellii pusillus along Spring brook. opp. old
lark tree, so, today I went after it. Climb to
a *Falco sparverius* nest. eggs. but couldn't get
them, then had to walk around Spring brook
to get across and when I got to the nest it had
been torn down. Holy Fates! and I had
to walk all the way back, and got mired,
besides ripping my Sunday pants. Wonder
if Miller would call this

division of the wind, "Fren" High!
I don't

June 20. 10: P.M. Just finished Wren on
Cactus Wren for C.O. Club. Recd Jan
93 + Jan 94. and 5 from Hurd.
Leave in the Morning for Lytle
Creek country.

For Report see end of this "Chapter"

July 24. Drove up on box Spring Mt. As I went
up the back bone, bird life was scarce.
Shot a cotton tail. Rode over to the
spring and run onto a flock of Plumed
Partridge - Shot 3 in two shots. Made
me feel good. Took them back to the house
and spent the rest of my time making a
skin, and done first rate - for me. Came
home the back way - via Greiss Canyon.

Aug 11-19 Spent in San Luis Mts. Recd May
Exhibition. For report see
book. I and Orlay and hooked up and
took a drive. At Spring brook - Knoppe
old crossing a hawk, unknown, flew
up and caught a knoppe

Kingfisher in the river - common

Also saw a bittern and had an opportunity of watching him catch frogs. His most appropriate name in Shoshone is Shoshone. It speaks of all bittern-like

Sept 1 Saw another Kingfisher near Cottonwood

Sept 11 Spent at River not home in Lakewood. I & Lake Eden Springs. Saw 6 Jays at the Springs. Saw 4 ducks (Holland?) and several Great Blue Herons.

Sept 12 Spent at River & went through the valley and stopped at a spring where I shot a Yellow Sparrow. Took a flock of eight or ten.

Sept 14-21 spent in the Lower Bernardino Mts - Watson on Canyon to City Creek. For report see below.



"Results of a Biological Reconnaissance
of Upper Mill Creek Canyon, San Bernardino
Co., Cal."

May 30-31. 1894.

By Geo. R. + H. M. Hall.

Route - Starting from Riverside at 6: A.M. we passed through E.R. and "Gage's Canyon", then past Hunt's and Old S. Pedro to Redlands. From here we went through Mentone and then up Mill Creek. Here the pass is a mile or more broad and some 4 miles above N. joins with Potato Can. We reached Skinner's soon after noon. By "mouth of canyon" is meant where the canyon proper begins, some 5 miles above Mentone and about 4 below Skinner's. "Quarry" is a mile or so up the canyon. Force's and Jackson's are ranches in the canyon, the latter 3 miles above Skinner's. Acker's is 7 miles above S. and Camp one mile above this. Falls' is $2\frac{1}{2}$ miles ^{above Acker's} above Jackson's. In the home trip we went up Potato canyon and down the Yuccipa, up San Jacinto and near Moreno, then home via Box Springs. It was dark after leaving Moreno, hence no

notes were taken there.

Vegetation - Skinner's to Jackson's, - 6 ft grease wood in canyon. Pines on south range and yuccas and brush on north hills. A bed of *Opuntia* *bernardina* grows above Force's. - At Jackson's the grease wood ceases and bastard pines begin, but they are few and small. - At Acker's we reach fir and cedars and at camp fir and cedar predominates, ~~low~~ oak is abundant but trees were dying. Sugar pine was common near the falls.

A single chipmunk was seen above camp.

wood in canyon. Pines on South range and yucca and brush on north hills. A bed of *Opuntia* *bernardina* grows above Forcées. — At Jackson's the grease wood ceases and bastard pines begin, but they are few and small. — At Ackers we reach fir and cedars and at camp fir and cedar predominates, ~~leaves~~ oak is abundant but trees were dying.⁽¹⁾ Sugar pine was common near the falls.

A single chipmunk was seen above Ackers.

— List of Birds observed between Aside and Jackson's, both ways. not including those seen above J's also.

- * 1. *Cathartes aura*. Hunter's and mouth of canyon.
2. *Falco sparverius* 2 on the Yucuipe.
3. *Chordeiles vil. henryi*. 1. San Timoteo Can.
4. *Tyrannus verticalis* Aside. Hunter's.
5. *Sayornis saya* 1. Mentone
6. *S. nigricans* Aside. Redlands.
7. *Otocoris alpestris* (?) E. Aside, Potato Canyon.
8. *Aphelocoma cal.* 3 mi. above Mentone up to Jackson's. 1 in San Timoteo Can.
9. *Agelaius gubernator* at Hunter's com.
10. *A. tricolor* Yucuipe Ranch. com.
11. *Sturnella magna neglecta*. E. R. Hunter's, Redl. + Yucuipe
12. *Scobecophagus cyanocephalus*. Aside. Yucuipe
13. *Carpodacus frontalis*. R.S. not noted above Mentone + Yucuipe.
14. *Chondestes grammacus strigatus*. Aside. mouth of canyon (below) + Yucuipe
15. *Passerina amoena*. 1 heard and seen above Mentone.
16. *Petrochelidon lunifrons*. Aside, Gages, Redlands. (nesting)
17. *Tachycineta thalassina*. Can. at Quarry.
18. *Phainopepla nitens*. Redlands.
19. *Lanius ludovicianus gambeli*. Aside, Gages, S. Timoteo.
20. *Vireo pusillus*, heard 3 mi. above Mentone
21. *Mimus polyglottus*. Aside.
22. *Harporhynchus virens*. heard in lower part of canyon.
23. *Campylorhynchus bronzeicapillus*. 1. Gages.
24. *Salpinctes obsoletus*. 1 on rocks below mouth of canyon.
25. *Poliobolia cal.* Gages and Box Springs (heard)
26. *Callipepla cal. vallicola*. 1 at Jackson's + flock in Potato Can.

List of birds observed above Jackson's.

1. *Columba fasciata*. 2 at Camp, 12 below Acker's.
2. *Zenaidura macroura*. Com. at Ride, Potato Can. & Yucuipe. ^{Not camp}
3. *Melanerpes formicivorus bairdi*. Com. from Jackson's up.
1 seen at Quarry.
4. *Colaptes cafer* Jackson's Camp, nest and young in
tree along road near mouth of can. 6 1/2 ft. up.
5. *Contopus richardsonii*. Shot one near falls. Coloration
same as skin. Length 6.12, Ext. 9.75, wing 3.25, tl. 2.62
tl. .50 tars. .50, mid toe + claw .50 bill 31 broad.
6. *Cyanocitta s. frontalis* from Acker's up. Tol. can about falls.
7. *Icterus bullockii* from Mentone to above falls. Saw
birds all the way up which could be no other.
White ug. patch conspicuous. Tanagers?
8. *Zonotrichia intermedia*. heard at Camp. com.
9. *Spizella socialis arizonae*. Shot at camp. heard many.
10. *Junco hyemalis thurberi*. Saw half a dozen at
camp and above.
11. *Melospiza fasciata heermanii*. Ride. Hunts. Mentone,
Jackson's, lower Yucuipe.
12. *Pipilo fuscus crissalis*. Every where as high
as 1/2 mile above Pete Force's.
13. P. Chlorurus. Met with this bird from the
camp up as far as we went. Tol. Can. in
low trees. Song similar to *Carpodacus*. Shot
1. length. 6.75, wing 3. tl. 3.40 (or less) tars. .96 Mid
toe + claw .87 Bill conc. Same bird that we
found at Harry Heath's.
14. *Ardea melanocephala*. heard at ~~Lager's~~ Ride, Skinner's
camp, falls and Yucuipe. (?) Tanagers?
15. *Parus montana*. 1. Camp. May have been tol. com.
16. *Siabia mexicana*. Com. all way up canyon & com
just below mouth of canyon.

16
26
42

Besides the above there were observed the follow-
ing. Hummers, Goldfinches (low down) nest of
Cal. Bush-tit (at mouth of canyon) and yellow
bird from Skinner's down, probably yellow
Warbler.

To our surprise, the Road-runner was
not seen anywhere.

Winter Arrivals - Oct. - Nov. 1894.

Oct 8 Intermediate Sparrows
Oct 6 West. Bluebird - several flying.
Oct 13 Audubon's Humbler - common
Oct 20 Oregon Junco. Several. No definite call.
Nov. 11. Western Robin 2 Nov. 1 - 1st com.?

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[illegible]

Valley - Lake & ...
at ...

At a spring shot a bird named
also called in the forest.

Handwritten text, likely bleed-through from the reverse side of the page.

Here I stopped by making a

1894.

Skinned my birds after which I
 walked up the canyon and shot
 a catbird. Then I got some fruit and
 so had my shot and went home.
 and only the price 178. Also
 killed a catbird but with 3 of them
 then drove on to home and
 saw it dead. Had a big time
 and saw 20 species including 1 Jay

Dec. 8. (Sat.) At 8 o'clock I shoulder-
 ed my gun and started down
 across Hewitt's, Caleff's etc. By
 the time I had reached Kira's
 it began to grow cloudy and
 when I reached the Brook it
 began to sprinkle. However,
 I began to scare up the coots
 and look for something new.
 The vines were never thicker
 before: in fact the grass
 all the way between the bank
 and the Brook below the
 dam was covered with
 them and the trees all

Potato Canyon. Apr. 29-22-1895. H. M. S.

For Itinerary &c see Botanical Note Book

1. *Legiaus vociferans* one below Biches
2. *Tenaidura macroura* - common.
3. *Cathartes aura* - 1. valley.
4. *Falco sparverius deserticola* Several. Nest & Eggs # - -
#211. Nesting.
5. *Melanerpes formicivorus* fairly com. Biches to Welshies.
Nest near Biches - no eggs.
6. *Callipepla cal. vallicola* from Yucipa & two above Biches
7. *Sphyrapicus concolor* hypogaea. one Yucipa.
8. *Colaptes cafer*. Several, Edgar Can. Nest at Biches.
9. *Tyrannus verticalis*, two at Hog's Back.
10. *Sayornis nigricans*, - valley.
11. *Contopus richardsonii*. One at Welshies - heard & seen
12. *Otocoris alpestris* - var - valley.
13. *Cyanocitta stellaris frontalis*, Several at Camp. #
New nest below Biches - no eggs.
14. *Abhebecoma californica* Several bands as far up as Camp.
15. *Agelaius bicolor* abund. at Yucipa
16. *Sturnella magna neglecta*, Some at Camp.
17. *Icterus bullocki*. Abundant, three new nests.
18. *Scolecophagus cyanocephalus* - valley.
19. *Carpodacus frontalis*. Two heard in Edgar Can. June.
20. *Spinus pinus* - one shot 1/4 mi. below Biches -
21. *Sireo solitarius cassini*. Not rare, 1 shot below Biches -
" at Welshies -
22. *Chondestes grammacus strigatus*. Welshies!
Biches!
23. *Spizella socialis Arizonae* - com. Edgar Can.

21. *Junco hyemalis thurberi* Eighteen, Edgar Canyon.
22. *Melospiza fasciata heermanni* One heard at Antelope
26. *Pipilo fuscus* Two at Kagi Buck.
27. *Ammodramus megalonyx* Two seen at Melanies. 7 cove
28. *Auriparus melanocorypha* Heard commonly. Several seen.
29. *Ceryle alcyon* - Valley.
30. *Lanius ludovicianus gambeli* "
31. *Vireo gilvus pusillus* Two heard. Valley.
32. *Dendroica auduboni* 4 seen Edgar Canyon. One shot # 207.
33. *Geothlypis trichas* - Valley.
37. *Parus gambeli* Thought heard. not sure.
38. *Parus gambeli* one shot at camp. # 200. one seen in ^{above} Birch.
39. *Salix alba* minimus cab. Band. bush - Birch.
41. *Siabia mexicana* - Com. Edgar Canyon.
23. *Zonotrichia intermedia* - one Valley.
36. *Troglodytes aedon barkmanii* one shot. Birch from nest. Com. at Raspberry Patch.
34. *Dendroica aestiva* - One shot below Birch.
40. *Regulus calendula* ? Two above Birch.
42. *Tamias* - One at highest point. fight in stumps. no catch here.

around were comforted by
filled. I walked down the
Brook and scared up several doves.
then walked back again and when
I came to the dam I saw some-
thing in a bunch of tules, so I
fired. Something jumped up and
down again but I could not see
whether I had any game or not and
as he was several rods off and
the intervening space was filled
with a forbidding compound
(Earth + H_2O = Mud) I decided not
to investigate. I then walked
up the brook till I was stopped
by a side winder when I crawled
under the trees to escape from
the rain which had been stead-
ily growing wetter and wetter.
I tried to build a fire but the
wet stuff wouldnt burn so at
9.30 I went back to the dam.
This time I got the start of the
coots by creeping up behind
the dam and when I raised up
I saw a half dozen swimming

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 along as smart as you please.
 I filed it on and when I hunted
 the dam to see if I had killed
 him any, I found two lying in the
 water. I soon secured these, by
 means of a Bamppall, and as it was
 now raining "Pitch forks and Nigger
 Babies" I hauled into the culvert.
 I did shoot the Coots? Oh! for
 Greens, besides, I have been read-
 ing "Anatomy of Bird Song" and wanted
 another thrasher, kestrel, longspur
 apter, (do you agree?) as well as
 a few Hybrids. As the culvert was
 not particularly comfortable I
 soon pulled out for home. When
 the river saw me coming he
 slacked up a little till I reach-
 ed home at 10.30, well pleased with
 my little haul and the avian
 life I had secured which included the
 following species:-

Geothlypis occidentalis - 18.

Tolmie americana

Zenaidura macroura 5.

Turdus propinqua

Pipilo fuscus cristalis

Melospiza f. heermanni

Lanius lud. gambeli

Carpodacus frontalis 8-92)

S. nigricans

Sialia mexicana

Colaptes cafer

Zonotrichia intermedia

Junco hyemalis thurberi

Sturnella magna neglecta

(16) *Spinus* - ? - full grown ♂ & ♀.

(either *S. t. pallidus* or *S. psaltria*.)

Results of an Expedition to Lytle¹⁰⁰
Creek Swartout Canyon, Soledad Pass
and intervening Districts, - Riverside
San Bernardino & Los Angeles Cos. Cal.

By Ivan Rhodes & Harvey M. Hall.

June. 21-28. 1894.

— Itinerary:- Left R. with cart and horse
at 6:40 A.M. June 21. Noon at mouth of Lytle Cr.
Canyon and reached Vosburgs, Middle Fork,
at about 4:30. June 22 was spent in ascend-
ing the stream and observations. June 23,
early left via North Fork & Sheep's Can. for Upper
Swartout, where we arrived about 2 P.M.
June 24. To Mill, then via Jacksons & Ogden's
to Shoemakers & back. June 25. Early passed
Ogden's and "Lake", a small sink among
the hills, to Rock Creek & Holmes, 2 mi below.
Then through yuccas to Little Rock Creek
and Barrel Springs - a little ~~low~~ tule bed
2 rods across, a small spring, 2 peach trees and
a forsaken house - where we had dinner. Crossed
near Alpine & through Vincent to below Ravenna
and camped. Vincent is on the summit while
Ravenna is in Soledad Pass, in Santa Clara River,
and S. P. R.R. June 26 passed Lang - a town of
a store and hotel - and took dinner at mouth of
pass. (Acton a town of several stores &c between
Vincent and Ravenna). Passed Langus, and
Newhall. Pretty country with oaks. Went
through cut and San Fernando & camped 13 mi
above Los Angeles. June 27. Passed L. A. and
S. Gabriel R. where we had lunch; then Puente,
Spadra, Pomona, Ontario and reached S. Cucamonga
at 8 P.M. Rest of way home in the dark - June
28. Home at 1:30 A.M. - Distances -

Home - to Vosburgs 23. to Heaths 15, to Rock Cr.
12. Springs 16. Acton 8. Ravenna 4. Lang, 9.
Langus 11. N. Hall 3. L. A. 35. Ride 60.
Total = 196. Heath to N Hall = 63. $\left(\begin{smallmatrix} 35 \\ 63 \\ 15 \end{smallmatrix} \right) 196$

Vincent and Ravenna). Passed Langus, and Newhall. Pretty country with oaks. Went through cut and San Fernando + camped 13 mi above Los Angeles. June 27. Passed L. A. and S. Gabriel R. where we had lunch; then Puente, Spadra, Pomona, Ontario and reached S. Cucamonga at 8: P.M. Rest of way home in the dark - June 28. Home at 1:30 A.M. - Distances -

Home - to Vosburgs 23. to Heath 15, to Rock Ck 12. Springs 16. Acton 8. Ravenna 4. Lang. 9. Langus 11. N. Hall 3. L. A. 35. Ride 60.

Total = 196. Heath to N Hall = 63. $\begin{pmatrix} 38 \\ 63 \\ 196 \end{pmatrix}$

Altitude - Mill = 5450. Heath = 6800 ft.

Vegetation - Lytle Creek - alt. 3100 ft. -

Epilobium glaberrimum. Duck Thorn, Sycamore, alder, Hemlock above, Phacelia - camp. *Carduacea-columb.*

Manzanita. *Nasturtium obtusum*.

Pinus lambertiana - tolerable common about

Ogdens - P - Fir. com. at summit.

A green cedar, like that on Parris hills was com. from Shoemaker's to ^{Acton.} Langus. Spruce - ^{Lower Swatout Lake + hills}

Also a light colored - white-barked species was seen above Barrel Springs. *Ephedra nevadensis*

Yucca arborescens - First seen at Lake and then more abundantly till we got below Holmes, where it was abundant and 25 ft. high. Dies out at Vincent.

^{baccata.} *Y. whipplei*. S. B. duo. Lake, at Little Rock Creek.

Begins at Vincent and is scattering through the pass. Rare in S. Fernando Valley. Com. in Lower Swatout but distorted near summit.

Opuntia engelmannii. ^{occasional} Not in pass etc. but abundant in S. Fernando Valley.

O. bernardina. Not seen east nor north of Lang - where a little was seen. Abund. in Fernando Valley.

O. echinocarpa. Began near Rock Creek and became abundant below Holmes. Sometimes 5 ft.

O. virginica. very abundant for 2 miles below Vincent, when it died out at Acton.

O. basilaris. (?) A few clumps grew below Clyde's, in Lower Swatout.

Reptiles - *Phrynosoma blainvillii* Little Rock Creek.

Mammals. -

From Shoemaker's to ~~Langus~~ ^{Adon.} Spruce - {Lake + hills
Summit area

Also a light colored - white-barked species
was seen above Barrel Springs. *Ephedra nevadensis*
Yucca arborescens - First seen at Lake and
then more abundantly till we got below
Holmes, where it was abundant and 25 ft.
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^{Yucca} *Y. whipplei*. S. Bernardino. Lake, at Little Rock Creek.

Begins at Vincent and is scattering through
the pass. Rare in S. Fernando Valley. Com.
in Lower Swartout but distorted near summit.

Opuntia engelmannii. ^{occasional} Not in pass etc. but abundant
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abundant below Holmes. Sometimes 5 ft.

^{or more} high. very abundant for 2 miles below
Vincent, when it died out at Acton.

O. basilaris. (?) A few clumps grew below
Clydes, in Lower Swartout.

Reptiles - *Phrynosoma blainvillii* Little Rock Creek.

Mammals. -

Ovis canadensis. Mt. Sheep. Reported on Cucamonga Mts.

Tamias. Com. at Heath's.

T. leucurus - reddish-brown back, white tail - turned
up and streaked sides, - very small. Lower
& Upper Swartout. Rock Creek to Soledad Pass
Nowhere abund. except Low Sw. out and below Holmes.

Spermophilus. - Rare at Little R. Cr. and in Soledad
Pass. Abund. from there to R. side. Abund. at Langus.

Sciurus flosser. 4 seen near Heath's.

Lepus cal. One seen above Lake. L. --- {Ravenna. 1
Below Lang. 1

Birds -

Those seen in Upper Swartout are marked (+)

Birds seen this side of L. A. are but rarely
noted. Much the same as one would expect.

Those in Swartout but only in "Lower-upper" Swartout

are also marked (x) Time spent in Upper
Sw. out; - June 23. $\frac{1}{2}$ da. June 24. 1 da. 25. left early.

3-11-2 - means. 3 on June 23. 4c. in Upper Sw. only.

1. *Agelaius vociferans*. "Lake", Ravenna, Lang. Com on River.

+ 2. *Oreortyx pictus plumiferus* - flock of yg. flock of old.
Yg. - inch long can fly. 1 ♀ ad. shot.

3. *Callipepla cal. vallicola*. "Lake", Vincent, Lang (flock)
Cut, and abund. in Fernando Valley.

+ 4. *Zenaidura macroura*. {^{2-1-0.} Com. from Rock Cr. to R. side. ^{6 at Jackson's.}

5. *Cathartes aura*. Lake 1, Holmes 1, Banel springs and
Com in Soledad Pass & at New Hall.

6. *Buteo lineatus elegans*. ^(repeated) 1 shot at Puente.

7. *Falco sparverius*. 1 shot on N. Fork Lytle Cr.

8. *Speotyto concoloraria hypogaea* - 2 Fernando Valley.

9. *Geococcyx cal.* 2 at Lang.

+ 10. *Melanerpes formicivorus bairdi*. 2-5-0. Com. in oaks
from Sangus to Newhall and above.

+ 11. *Coccyzus californicus*. 3-6-0. - Soledad Pass 4. Ravenna down.

+ 12. *Tyrannus verticillatus*. (Lake 3. 0-2-0. Com. in Soledad Pass. maybe *vociferans*) Several at Newhall. Ident. positive.

13. *Myiarchus cinerascens*. 1 shot on N. Fork, Lytle Cr.

14. Black Phoebe. Vorburg's 1. Stormakers 1.

Ravenna 2. Sangus 1.

+ 15. *Contopus richardsonii*. Common on Lytle Cr.
First here; also elsewhere (See page 52)

Ravenna 2. Newhall 4. Pass 2.

16. *Otocoris alpestris arenicola* (?) Flock at Banel Springs.

+ 17. *Cyanocitta stelleri frontalis* 3-12-2.

+ 18. *Aphelecoma californica*. 4-0-0 * Vorburgs, "Lake"
Ravenna to Sangus 9, Newhall 3. in oaks.

19. *Corvus corax sinuatus*. (?) Several at Rock Creek.

20. *Agelaius gubernator*. Com. near Pomona.

21. *Sturnella magna neglecta*. S. Edw. & S. Fernando.

22. *Icterus bullocki* (San) New Hall 1.

+ 23. *Scolecophagus cyanocephalus*. 4-0-0 * "Lake" & Banel Spgs
a few. Lang. Ravenna, S. Fernando Valley.

+ 24. *Carpodacus purpureus californicus*. (?) 2-0-0 ♂ & ♀ + On

- + 18. *Aphelecocoma californica* - 4-0-0⁺ "Vosburgs, Lake"
Ravenna to Sangus 9, Newhall 3, in oaks.
19. *Corvus corax sinuatus* (?) Several at Rock Creek.
20. *Agelaius gubernator*. Com. near Pomona.
21. *Sturnella magna neglecta*. S. Pedro & S. Fernando.
22. *Icterus bullocki* (San) Newhall 1.
- + 23. *Scolecophagus cyanocephalus*. 4-0-0⁺ "Lake" & Banel Spgs
a few. Lang, Ravenna, S. Fernando Valley.
- + 24. *Carpodacus purpureus californicus*. 2-0-0 ♂ & ♀⁺ On
entering the canyon there were seen in a
young pine, but they soon flew away
too high. for *C. mexicanus frontalis*. {See Belding, pp 196.
bottom, bands quite red. Lots
25. *C. mexicanus frontalis*. Vosburgs, 6. Banel
Springs, 2. Sangus 1. Fernando Com. - "Lake"
26. *Spinus lawrencii*. Com. at Vosburgs ♂ & ♀ shot.
Lang. 2 near Sangus.
- + 27. *Chondestes grammacus strigatus*. [0-5-0 (Mill). ?]
Rock Creek. Newhall 2.
- + 28. *Zonotrichia leucophrys intermedia* (?) 3-2-2 Heard.
29. *Spizella socialis arizonae*. San Gabriel Valley 1.
- + 30. *Junco hyemalis thurberi* 3-12-3
31. *Melospiza fasciata heermanni* Com. at Vosburgs.
Sangus. Pass near Newhall.
- + 32. *Pipilo fuscus mesoleuca*? Com. at Heath's one fellow
was minus his caudal appendage, due,
probably to the cat.
33. *Pipilo fuscus crissalis*. Several at Vosburgs.
Rock Ck. Common in Soledad Pass, from
Ravenna down. Pass near Newhall.
34. *Habia melanocephala*. Lang 3. Heard at Newhall.
35. *Guiraca caerulea* (obscura) {Eurygnathus} Near San Pedro. 1. ♂
36. *Piranga ludoviciana*. Tol. Com. in Lytle Creek &
2 at Sangus, all heard early. But in Lytle Ck. a
nest was found & ♀ shot. Ident. sure. See stub #138
37. *Petrochelidon lunifrons*. Rock Creek & S. Fernando. Com.
In an unused tunnel near Ravenna many
nests were found & also 75 ft. up on a cliff 3 doz. nests
were stuck to the rock.
- + 38. *Tachycineta thalassina*. - - Com. at Heath's & "Lake"
39. *Phainopepla nitens*. Lang, Sangus, Pass com. Fernando.
40. *Lanius ludovicianus excubitorides*. Several in yuccas at Holmes
41. *L. l. gambeli*. Acton Lang 2, Sangus 4. Fernando Val.
Where does the line come?
42. ^{elli}*Vireo* ^{elli}*pusillus*. Vosburgs com. Lang. All heard.
- + 43. *Dendroica auduboni* 0-10. Shot ♂ at Heath's. Perfect.

Rock Creek. Newhall 2.

- + 28. *Zonotrichia leucophrys intermedia* (?) 3-2-2 Heard.
 29. *Spizella socialis arizonae* San Gabriel Valley 1.
 + 30. *Junco hyemalis thurberi* 3-12-3
 31. *Melospiza fasciata heermanni* Com. at Voburgs.
 Sangus. Pass near Newhall.
 + 32. *Pipilo fuscus mesoleuca*? Com. at Heath's one fellow
 was minus his caudal appendage, due,
 probably to the cat.
 33. *Pipilo fuscus crissalis*. Several at Voburgs.
 Rock Crk. Canon. in Soledad Pass, from
 Ravenna down. Pass near Newhall.
 34. *Habia melanocephala*. Lang 3. Heard at Newhall.
 35. *Guiraca caerulea* (^{Eurhyncha} obscura) Near San Bernardino. 1. ♂
 36. *Piranga ludoviciana*. Tol. Com. in Lytle Creek
 2 at Sangus, all heard only. But in Lytle Crk. a
 nest was found + ♀ shot. Ident. sure. See Stub #138
 37. *Petrochelidon lunifrons*. Rock Creek &c. Fernando. Com.
 In an unused tunnel near Ravenna many
 nests were found + also 75 ft. up on a cliff 3 doz. nests
 were stuck to the rock.
 + 38. *Tachycineta thalassina*. - - Com. at Heath's + "Lake"
 39. *Phainopepla nitens*. Lang, Sangus, Pass com. Fernando.
 40. *Lanius ludovicianus excubitorides*. Several in yuccas at Holmes.
 41. *L. l. gambeli*. Acton, Lang 2, Sangus 4. Fernando Val.
 Where does the line come?
 42. ^{elli}*Vireo pusillus*. Voburgs com. Lang. All heard.
 + 43. *Dendroica auduboni* 0-10. Shot ♂ at Heath's. Perfect.
 44. *Cinclus mexicanus* - 1 at Voburgs. My first record.
 45. *Mimus polyglottus*. S. Fernando. Several.
 46. *Harporhynchus redivivus* Lang 2. Fernando 1.
 47. *Hebeodytes brunneicapillus*. Between Rock & Little
 Rock Creeks nests were found in *Opuntia*, *echinocarpa*.
 Abundant (nests) below (S.) Vincent in same.
 Birds + nests com. in San Fernando Valley. L. g.
 Egg in nest. Little Rock Crk. 3. - * See Stub #139, 140.
 + 48. *Parus gambeli*. 0-20.
 49. *Psaltiriparus minimus* cal. nest near Lang. Flock Sheep Can. (2)
 + 50. *Turdus migratorius propinquus* 1-1-2. meadows.
 + 51. *Sialia mexicana*. 2-9-0. Ravenna 7. Lang 2. Nhall 2.

Oh. Oh. Oh. Oh.

Voburgs = { middle fork }
 { Lytle Creek } Shoemaker = { Big Rock }
 { Creek } Heath = { Summit of wagon }
 { road upper Soledad }

Lytle Creek, Swanton, Desert + Seledach } Expedition,
San Antonio mt.

Vosburgs = { Lytle Creek }
Shoemaker = { Big Rock }
Heath = { road upper Swanton }
Summit of wagon

18 in Sw.

